A.S

1st and Final bill

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

To ..... 01/07/19. Date ..... 2019.

A.E.E/M.N.....
S.B.R. No: 11/19-20
DATE: 1/7/2019

Division: **BBMP / YNK** Sub-Division: **Yelahanka Sub – Division.**

Bill Received No ..... Dated ..... Divisional Cash Book Voucher No ..... Dated .....

YNK-DBR No. 22
Date 04.07.19

Schedule Docket No ..... Sub Divisional **Work Code: 002-19-000048.**

Head of Account

Est.Cost: **20.00** Lakhs B.R.No. :

Name of Work Drilling of borewells and providing pipe line in ward No-02 of yelahanka Sub Division.

P-3522

Name of Contractor and Full Address: **Sri P Ravichandra, No 562, Down Bazaar road, Yelahanka Bangalore – 560064.**

Reference to Agreement No. **EE/YNK.D/ EPMT-07/W.O/ 0000138 /2018-19.** Date: 07-03-2019.

Certified that the measurements were taken by me on 27/6/19 and recorded of Pages 1368901 **to** 368914 of measurement Book No. **3690** and that the work is satisfactorily executed.

Contractor Ravichandra P

Officer-in-charge of work

Certified that the measurement were taken by me on 27/6/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ..... percent Rs .....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No ..... Dated ..... S.D. No .....
   adjusted towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No ..... dated ..... less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted -

	Amount
Total	2231274=00
CGST	19929=00
SGST	19929=00
IT	22313=00
LC	22313=00
CBF	2237=00
TD	8670=00
CH	2144573=00

Received Rs ..... (in words) .....

by cash and by adjustment of Payment as per memorandum.
(in final settlement of all demands)

Ravichandra P
Contractor's Signature

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No .....
Cash Rs .....
Dated .....

Initials of Officer making payment

Audited & Admitted for Rs. 2231274/-
Sri Raviraj S/o (Late) Narayana Murthy and Mahanand Hosahundy & Sarvani
2144573/- by Cheque
and Rs. 86701/- by adjusement

Stamp

Asst. Supdt. yelahanka Division BBMP

Exe. Engineer yelahanka Division BBMP

(For use in the Office)

Executive Engineer

sl no	Description of work	Unit
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc., as per Specification and direction (P.30, I. 9.4) PRED SR 2012 13	Each BW
2	Sinking Borewell of 165mm dia clear, using fast rig in all strata including over-burden upto 20mts. Fixing of casing Pipes, collars and cap with necessary cutting and threading including, transportation of Rig and supporting vehicle, crew charge and cost of consumbles, etc, complete including yield testing at the final depth with a minimum woring of compressor for one hour (excluding cost of casing pipes, collars and cap, etc.)	
	a) 0.00 to50.00 Mtr	Rmtr
	b) 50.00 to 100.00 Mtr	Rmtr
	c) 100.00 to 150.00 Mtr	Rmtr
	d) 150.00 to 200.00 Mtr	Rmtr
	e) 200.00 to 250.00 Mtr	Rmtr
	e) 250.00 to 300.00 Mtr	Rmtr
3	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wall thickness 5mm thick confirming to IS 4270 2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270 2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty PRED III NO 84	Rmtr
4	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM and testing complete as per specifications - 250mm dias (Page No. 90 Item No. 12.116.5) PWD SR 2018-19	Rmtr
5	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH, 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc complete. The pump and motor shall form an integral unit with all the required fittings. PAGE NO XLII PWD SR 2018-19	Set
6	KSRB13-1.1 Providing and fixing to wall, ceiling and floor galvanised / mild steel tube nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No KBS 13.2.14 / 13.8 (Page 92 ITEM NO 13.6) PWD SR 2018-19	Mtr
7	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A P No. 12/ I No. (2.10.4) 3cx 6.0 Sqm KPWD Electrical SR 2014-15	Mtr
8	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc., P No. 44 No 6.6.6 KPWD Electrical SR 2014-15	Each
9	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,strp confirming IS 3975,1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1,1998 and confirming to GTP of group P No 55/ I No 7.4.4 (4 core 16 Sqmm) KPWD Electrical SR 2014-15	Nos
10	Labour charges for laying of 1.1 K.V class UG cable, P No. 61 / I No. 7.8.1 In existing trencg/duct 6 Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15	Nos
11	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., completeP No. 62/ I No.7.9.4 KPWD Electrical SR 2014-15	Mtr
12	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class P. No. 62/ I No.7.12.1 KPWD Electrical SR 2014-15	Mtr
13	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No.62/ I No. 7.13.2 KPWD Electrical SR 2014-15	Nos

Previous		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	3.00	2184.64	6553.93	3.00	6553.93	
–	–	150.00	355.21	53281.18	150.00	53281.18	
–	–	150.00	464.32	69648.60	150.00	69648.60	
–	–	150.00	516.56	77484.07	150.00	77484.07	
–	–	150.00	545.58	81837.11	150.00	81837.11	
–	–	150.00	631.48	94722.10	150.00	94722.10	
–	–	50.00	676.75	33837.61	50.00	33837.61	
–	–	108.00	1493.28	161273.70	108.00	161273.70	
–	–	18.00	2478.84	44619.06	18.00	44619.06	
–	–	3.00	71562.25	214686.74	3.00	214686.74	
–	–	675.00	611.65	412860.67	675.00	412860.67	
–	–	1380.00	212.66	293477.56	1380.00	293477.56	
–	–	3.00	340.35	1021.06	3.00	1021.06	
–	–	75.00	158.23	11867.31	75.00	11867.31	
–	–	75.00	12.17	912.87	75.00	912.87	
–	–	60.00	131.86	7911.54	60.00	7911.54	
–	–	9.00	388.82	3499.34	9.00	3499.34	
–	–	3.00	315.56	946.68	3.00	946.68	

sl no	Description of work	
14	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia. (P No.55, I No. 7.1) KPWD Electrical SR 2014-15	Nos
15	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete. P No.45/I No.6.7.4 KPWD Electrical SR 2014-15	Nos
16	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete. P No62 I No 7.14.2 KPWD Electrical SR 2014-15	Rmtr
17	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications pno 47 IT 6.16.5 KPWD Electrical SR 2014-15	Rmtr
18	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 P No. 49, I No.6.40.2 KPWD Electrical SR 2014-15	sqm
19	KSRB13-7.1 Providing and fixing in position nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No KBS 13.2.10 / 13.13 - 50 mm Page No 95 Item No. 13.55 / PWD SR 2018-19	Nos
20	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete - 50 mm P. No.97/ I. No. 13.81.3 PWD SR 2018-19	Rmtr
21	Gate value 50mm nominal bore-gun metal P. No XXVI sl No. 661 PWD SR 2018-19	Nos
22	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. (Data rate)	Nos
23	KSRB 2-1 Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications specification No. KBS 2.1(a) / 2.3.1. KSRB 2-1.1 – do – Ordinary soil (P No.6, I No.2.1) PWD SR 2018-19	cum
24	KSRB13-9.4 Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq cm working pressure 63mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2,15.2 / 13.9 (Page no 96, Item No.13.73.2) PWD SR 2018-19	Rmtr
25	KSRRB M1200-46 Sand filling in wells complete as per drawing and technical specifications including cost of all materials, labour, HOM, form works, scaffolding & centering complete as per specifications. MORTH Specification No 1207 (P No.217, I No.27.17 of PW, P&IWTD SR 2018-19)	cum
26	KSRB 2-4 Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (Page No. 7, Item No. 2.11) PWD SR 2018-19	cum
27	Bescom charges	

Certificates

1 The above work is done satisfactorily and complete in all respect
2 There is no department Material issue for the above work
3 This works comes under BBMP Limit

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Previous		Present Measurement			Total up-to date		Rem
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	3.00	3073.33	9219.99	3.00	9219.99	
–	–	9.00	405.72	3651.48	9.00	3651.48	
–	–	18.00	96.92	1744.56	18.00	1744.60	
–	–	3.00	1743.47	5230.41	3.00	5230.41	
–	–	73350.00	0.37	27139.50 27279.60	73350.00	27139.50 27279.60	
–	–	3.00	1588.84	4766.53	3.00	4766.53	
–	–	9.00	250.87	2257.83	9.00	2257.83	
–	–	12.00	1575.90	18910.74	12.00	18910.74	
–	–	3.00	11270.00	33810.00	3.00	33810.00	
–	–	118.77	297.46	35329.37	118.77	35329.37	
–	–	330.00	444.40	146651.55	330.00	146651.55	
–	–	29.70 29.68	3293.57	97818.95 97753.15	29.68 29.70	97818.95 97753.15	
–	–	118.77	144.55	17168.09	118.77	17168.09	
				18142.00		18142.00	
			Sub total	1992209 1992213		1992213	
			GST 12%	239065 239066		239066	
			Grand Total	2231279		2231279	

Cancel AE-02

2231274/-